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U. S. Dept. of Agri.
Bureau of Plant Industry
Washington, D. C.





LAFAYETTE Operations

EUGENE D. Jr. Secretary



H. H. MILLER: Treasurer and General Manager. Thirty years experience in the Seed Business. First Commercial Seed Analyst in the United States. Twenty-one years with Funk Bros. Seed Company.



DR. J. R. HOLBERT: Vice-Pres. in charge of Corn Breeding. Formerly Senior Agronomist and leading Corn Breeder of the United States Department of Agriculture. Twenty-five years experience and leader-ship with America's Greatest Crop.



DR. E. G. SIEVEKING: Soil and Crop Specialist. Eight years Experiment Station work in Missouri and Illinois. Ten years experience with Farm Seed and Hybrid Corn with Funk Bros. Seed Company.



E. D. FUNK, President Funk Bros. Seed Co.



THEODORE



R. J. LAIBLE: Agricultural Adviser. Five years Experiment Station work in Illinois. Twelve years Farm Adviser, Greene County, Marshall County, Putnam County and McLean County, Illinois.

## SKILLED SEED EXPERTS ARE YOUR **ASSURANCE** OF OUALITY

Funk Farms and the Funk family are wellknown to farmers throughout the country. Farmers have come to depend on them for seed of strictly the finest quality.

Now our staff of seed experts is larger and more nationally known than ever before. Mr. E. D. Funk himself heads Funk Bros. Seed Co., and his four sons are associated with him in its operation. Furthermore, the seed staff pictured here are all trained men —they know what a farmer wants and needs.

Here is real assurance of seed quality. For no seed is any better than the men back of it — in the production of farm seeds, THERE'S NO SUBSTITUTE FOR EXPERI-ENCE.



111



HAROLD GOODWIN: Farm Seeds Department. Seed Analyst and in charge of Farm Seed Department Funk Bros. Seed Company for ten



H. A. ABBOTT: Soy Bean Department. Thirty-five years a leader in the Commercial Mixed Feed Industry. Three times President of the American Feed Manufacturers Association. Four years with Funk Bros. Seed Company Soybean Department.



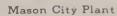
FUNK FARMS PROCESSING PLANT SEED CORN FUNK BROS. SEED CO. BLOOMINGTON.







Seed House on Funk Farms



Mason City Plant Formerly the G. D. Sutton Co.





#### ALFALFA

Alfalfa spells prosperity. It means sweet soil. It means an abundance of high feed value hoy. It means more money in your pocket. Grow alfalfa. Funk's olfalfa is hardy, clean, pure, and of high germination—U.S. government verified origin. Adaptability assured.

NOTE: Alfalfo requires inoculotion. BEE HIVE HARDY UTAH-Produced from 30-year old fields

at mile high altitudes. Here in the Utah mountains, winter

stays late, and fall freezes come early. Only the hardiest plants survive-your seed comes from them.

A. B. LYMAN GRIMM—The finest alfolia obtainable. A. B. Lyman discovered Grimm alfalfa-practically all Grimm traces bock to his original seed. Branching tap roots and low set crowns make Lyman Grimm alfalfo outstanding in resistance to extreme cold and alternate freezing—thawing and

#### SEED GRAINS

PROGRESS SPRING WHEAT—A bearded, early-maturing consistently high-yielding variety. One of the leading spring

sidered rust resistant and higher in milling and baking qualities than some other vorieties. Only limited supplies availoble for spring seeding.

#### SEED OATS

CERTIFIED COLUMBIA—The high-yielding oat for central and southern Illinois. Early-maturing, reasonably stiff-strawed, some degree of drought resistance, and well-liked for its high feeding qualities. The grain is gray in color, medium-large. and well-filled. It is usually awnless, though small awns are

CERTIFIED FORT-A new early-maturing white out recently released by the University of Illinois. Matures about 4 or 5

SUDAN GRASS-One of our leading emergency pasture or hay crops, usually ready to pasture four to six weeks after seeding. Sudan grass can be seeded in Illinois any time after corn planting until about the first of August. It has a sweet taste, and is very palatable to live stock.

DWARF ESSEX RAPE—Almost equal to alfalfa as hog pasture. Does best on fertile soil. Ready for pasture in 7 to 10 weeks. Cottle and sheep also moke good goin on rope, though there

#### SOYBEANS FOR SEED

Soybeans are a profitable cash grain crop and a valuable nutritious legume hay. They ore drought-resistant, grow on sour soil, and have few insect pests. Best results, however, are obtained on soil of high fertility.

The economic advontage of soybeans as a major crop in the farm program of the Corn Belt is becoming more important each succeeding year. It has a wide range of adaptability. and its record of production under varied seasonal conditions has been outstanding.

As a grain crop, it has increased the farm income, and has supplanted other grain acreage, especially oats, to good ad-

From a hay or forage standpoint, it is a quick-growing annual legume of excellent feed volue. and furnishes an abundant

Selected and properly recleaned seed of high purity and germination is necessary for successful results, and we are prepared to furnish the best of seed of such vorieties as are suitable to this area, both for grain and hay.

#### SOYBEAN PRODUCTS

We are pioneer processors of soybeans, extracting the crude oil and grinding the soybeon cake for live-stock feed.

FUNK'S SOYBEAN OIL MEAL-A protein concentrate for livestock and poultry. Protein. 41%. Expeller processed and cooked and toasted to improve palatability, increase digestability, and raise the feeding value of the meal to its highest

FUNK'S MINROL SOY—Consists of Funk's Soybean Oil Meal and essential minerals. Improves health, growth, and appetite of animals. Especially adapted as a supplement to homegrown grains. Shortens the fattening period, and soves grain.

FUNK'S PEA-SIZE SOYBEAN OIL CAKE - Protein, 41%. Straight cake, not minerolized. Convenient size and especially desirable for cattle. Adopted to out-door feeding with

CERTIFIED STURGEON SPRING WHEAT-This wheat is con-

days loter than Khersan, but slightly earlier than Gopher. While not lodging-resistant under all conditions, it stood up better than other varieties lost year. Yields better than Iowar in central and southern Illinois, though not so highly os Columbia in central Illinois.

CERTIFIED IOWAR—The high-yielding white out for northern Illinois. A plant selection from Khersan by the Iowa station. Mid-season to early moturity. Stiff-strawed.

#### FORAGE CROPS

is some possibility of bloot. Not advisable for dairy cows, os it causes an off-flovor in milk.

ATLAS SORGO-A sweet sorghum outstanding for its tremendous vield, both in forage and grain. Should not be planted until ground is thoroughly warm, and should not be covered too deeply. Produces a sturdy and leafy stalk that is obundantly juicy and sweet. Yields on the Funk Farms have averaged about 14 tons of good silage per acre.

FUNK FARMS ESTABLISHED 1824-22,000 ACRES, 1939

# FUNK BROS, SEED CO. BLOOMINGTON, ILLINOIS



#### GRASSES

PURE AND CLEAN SEEDS

HIGH GERMINATION

KENTUCKY BLUE GRASS-The ideal permonent posture gross for good Corn Belt soil. Price of Kentucky Blue Gross is lower now thon we have ever known it to be in the past. This is a real opportunity to reseed permonent pastures.

DOMESTIC RYE GRASS-Quickest growing grass there is. Used in gross and legume mixtures, as a starter gross, since it persists until sod grosses ore well established. If seeded with oots, and oats are postured off, rye grass will supply posture in six to eight weeks.

RED TOP—Adopted to a wide range of soil (from good to poor) and climotic conditions. Its wide adoptobility is the reason for including it in mixtures to be used for permanent pastures. A polatoble grass. The seed is small-o little bit goes a long way.

ORCHARD GRASS—Endures shode better than other grosses. Also productive on soils of low fertility. Provides early spring posture. Excess summer growth mokes good winter grozing.

RED CLOVER-Our Red Clover seed in Centrol Illinois was har-

vested lost foll under ideal conditions. We had an opportunity

at that time to select well-matured seed showing better than normal

germinotion. This has been recleaned by our experienced operators over special and modern seed cleaning equipment. For hoy.

posture, or green monure crop, red clover should be included in our

rotations whenever possible. Comparison of seed costs shows you

can plant two acres in red clover at less than one acre cost last

MAMMOTH RED CLOVER-Even o better soil builder thon red

clover because it mokes more growth. A hardy, more vigorous

ALSIKE CLOVER-Survives on poorly-drained areas and on acid

soil. A perennial legume. Seed is small and goes a long way.

grower. Takes hold on thinner soils.

\* SWEET SOIL

good FARM SEEDS.

10% Alfalfa 6% Sweet Clover 12% Red Clover

Alsike Timothy

#### CLOVERS Require Inoculation

SWEET CLOVERS—A big step toward a higher fertility level ond bigger crop yields. Brings subsoil minerals to your top soil. For sweet soils only-will grow on poor soil if it's sweet. Most widely odopted legume available. Biennial—matures during late summer of second season.

REED CANARY GRASS-An excellent gross for wet lond-stands

submergence. Yet it performs well on uplond. IMPORTANT—do not

plow under new seedings if the first year stand oppeors disap-

pointing. Let it come olong for two or three years for best results.

BROME GRASS—Best yielding and provides more grozing than any

other gross. Continuol green posture from early spring until frost-

remains green and polotoble during the summer when blue grass

hos turned dry ond brown. Very polatoble and cold-resistont. NOTE: Keep well-grozed-most polotoble when not over one foot

TIMOTHY—Outstandingly the most palotable grass known. Quick-

growing ond very voluable os o storter grass while more permo-

nent sod grosses ore becoming established. Timothy should be in-

WHITE DUTCH CLOVER-Does best with abundant moisture. For use in mixtures for permanent pastures that are well-grazed. Provides little pasture the first season.

KOREAN LESPEDEZA-A very nutritious legume. Grows on sour soil. Valuable in permanent pasture because of its reseeding (this reseeding questionable north of a line from about Rock Island to Kankakee, Illinois). Provides abundant late summer and fall grazing, although not a rapid grower in the spring.

We recommend and stond back of our mixtures, at the same time

realizing that they do not fill all needs or conditions. Ask for prices

#### PASTURE MIXTURES

Much time, thought, and money has been devoted to the development of our pasture mixtures, one of the most important parts of our business. Only the best quality solid seed of high purity and good germination goes into our mixtures.

> † WET SOIL \* SOUR SOIL Korean Lespedeza Red Top

10% Red Clover
10% Alsike
35% Timothy
25% Rye Grass
10% Lespedeza
10% Red Top

\* Seed 15 to 20 lbs. to the acre. These mixtures should provide grazing for two seasons and the start of the third. If permanent pasture is desired, add Kentucky Blue Grass, Red Top, and White Dutch Clover—about two lbs. of each per acre.

 $\dagger$  Seed about 15 lbs. to the acre. Reed Canary is a valuable addition to this mixture. It will survive and produce well on very wet land. ‡ Seed about 15 lbs. to the acre. For pasture of more than one season, add Red Clover or Sweet Clover, according to soil acidity.

olso on mixtures of your own formula and for suggestions to meet your own particular requirements. Suggested Formulas for Pasture Mixtures # HOG PASTURE ¶ FUNK'S BIG TEN

cluded in every posture mixture.

¶ FUNK'S BIG TEN

14% Red Clover

7% Alsike
6% Alfalfa
13% Sweet Clover
10% Korean Lespedeza
12% Timothy
10% Kentucky Blue Grass
7% Red Top
12% Rye Grass
9% Brome Grass 35% Korean Lespedeza 35% Rye Grass 30% Rape

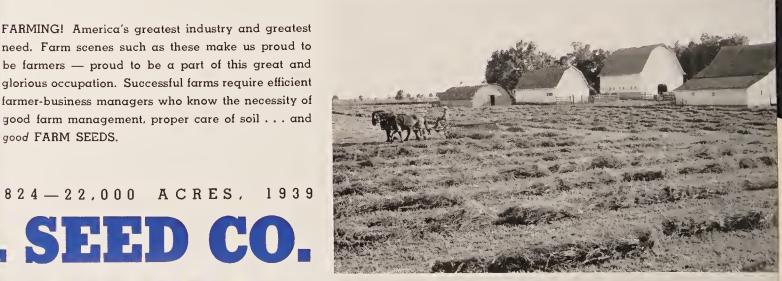
 $\P$  Seed from 18 to 20 lbs. to the acre. Ten different crops that should start a good permanent pasture.

§ QUICK ACTION-

LOW COST
20% Rye Grass
40% Lespedeza
40% Timothy

§ Seed about 20 lbs. per acre with oats or other grain in spring, and keep well-grazed so that grass and lespedeza will grow more rapidly.

NOTE: Quototions for special mixtures on request.







# **FUNK'S**

PHONE 173

SUBJECT TO PRIOR SALE

AND MARKET CHANGES

MARCH 8, 1939

TERMS: Net cash with order or C. O. D. inspection allowed F. O. B. Bloomington, Illinois. Bags extra at value.

FARM FRIENDS Neighborly Funk Dealers are partners of ours.

If there is a Funk Dealer in your community, we want you to deal through him. If there is none, write us direct.

#### FUNK'S SEEDS ARE ALWAYS NO. 1 GRADE

It is mutually agreed and understood that any seed ordered from us may be returned at any time within ten days after receipt if not satisfactory and as represented, and money paid for them will be refunded, but we do not, and cannot, in any way warrant the crop, as it is dependent upon so many conditions beyond our control.

FUNK BROS. SEED CO.

#### ALFALFA U. S. Govt. Verified Origin l bu. sealed bags—bags free Kansas Alfalfa ..... per bu. \$16.10 Bee Hive Hardy Utah . " 17.25 A. B. Lyman Grimm . " 19.65 **CLOVERS** Require Inoculation (1-bu. bags 10c; $2\frac{1}{2}$ -bu. bags 30c ea.) SWEET CLOVERS White Blossom (Funk Farms Brand) per bu. \$4.75 White Blossom (Good Value Brand) " " 4.50 White Blossom (unhulled seed) ... per cwt. 7.50 Grundy County (Funk Farms Brand) per bu. 5.00 Yellow Blossom (Funk Farms Brand) 5.00 Hubam—annual white blossom . . . . " " 6.50 White Dutch Clover...per cwt. 50.00 Korean Lespedeza, (Illinois) ..... per bu. 4.75 RED, MAMMOTH AND ALSIKE **CLOVERS** Red Clover (Funk Farms Brand) per bu. \$11.75 Red Clover (Good value Brand). " 11.25 Mammoth Clover (Funk Farms Brand).." 12.00 Alsike Clover (Funk Farms Brand).." 10.80 Certified Ill. Red Clover Strain 750 ..... 15.00

#### GRASSES

Burlap Bags Included

Vontuales Place Cym

Remucky Dive Grass			
21# seed	per	cwt.	\$12.50
Domestic Rye Grass.	. "	**	7.00
Red Top	. **	**	12.50
Orchard Grass	. **		20.00
Reed Canary Grass		**	33.50
Brome Grass	. "	**	18.00

Chewings Fescue per cwt. \$65.00 Poa Trivialis
FORAGE CROPS  Burlap Bags Included
Sudan Grass per cwt. \$ 4.50 Dwarf Essex Rape " " 10.00 Certified Atlas Sorgo " " 5.00 German Millet " " 3.15 Vetch, Hairy Winter " " 10.50 Fodder Cane " " 2.75 Sorghum Cane " " 2.95
SEED GRAINS
Burlap Bags Included Progress Spring Wheat per bu. \$1.15 Cortified Sturgeon
Certified Sturgeon Spring Wheat
38 Barley 1.15
SEED OATS  Burlap Bags Included
Certified Columbia per bu. \$ .55 Certified Fort
PASTURE MIXTURES
Burlap Bags Included  Quick Action—
Low Cost per cwt. \$ 5.00 Hog Pasture Mixture " " 7.20 Sour Soil Mixture " " 8.00 Sweet Soil Mixture " " 10.80 Wet Soil Mixture " " 10.95 Funk's Big Ten
Permanent Pasture. " " 11.55
TIMOTHY
(1-bu. bags 10c; 2½ bu. bags 30c ea.)

(Funk Farms Brand) per bu. \$2.00

alsike 15% ..... per cwt. 6.75

Timothy

Timothy 85%;

#### FUNK'S "G" HYBRID SEED CORN

Bags Included

All Flat gradesper bu.	\$7.50
Regular and	
Medium Round " "	6.00
Large Round grade " "	5.00

#### SWEET CORN

Golden Cross Bantam. . . per lb. \$ .25

#### SEED SOYBEANS

Bags Included

Illini	per	bu.	\$1.00
Illini, Certified	**	**	1.10
Dunfield		**	1.05
Dunfield, Certified	**		1.15
Manchu	**	**	1.05
Ebony	**	**	1.05
Kingwa	**	**	1.05
Wilson	**	**	1.05
Virginia		**	1.05
Hay Mixture		**	1.05

SOYBEAN PRODUCTS Funk's Soybean Oil Meal .... Bag Lots \$ 1.50 cwt. Ton Lots \$27.00 ton Funk's Minrol-Soy Meal (Mineralized Soybean Oil Meal) Prices same as above Funk's Pea-Size Soybean Oil Cake .....50c per ton higher

## COW PEAS

Bags Included

Cow peas, mixed.... per bu. \$2.25

# FUNK BROS. SEED CO. BLOOMINGTON, ILLINOIS



### INOCULATION

State Kind of Seed You Wish To Inoculate

ALFALFA, ALL CLOVERS

Size		Size	
1/2 bu.	each \$ .25	1 bu. each \$	.40
	2½ bu. each	\$ .80	

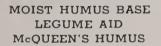


VETCH, AUSTRIAN WINTER PEAS, FIELD & GARDEN PEAS Size l bu. each ..... \$ .25 2 bu. each..... \$ .40

5 bu. each..... \$ .80

#### SOY BEANS, COW PEAS, LESPEDEZA, GARDEN BEANS, PEANUTS, AND LIMA BEANS

S	ize			Size	
1	bu.	each \$	.25	5 bu. each	\$ .80
2	bu.	each	.40	10 bu. each	1.25
		20 bu.	each	2.00	



Only Legume Aid and Mc-Queen's Humus Packed in 10 and 20 bu. sizes for Soybeans only.



AGAR (JELLY) BASE LEGUME CULTURE

## SEED TREATMENT

NEW IMPROVED

**CERESAN** Use  $\frac{1}{2}$  Oz. Per Bu.

BARBAK III

Use 2 Oz. Per Bu. For Seed Corn 

Crop Yields are Reduced Millions of Bushels Each Year by Diseases carried on the Seed. SEED TREATMENT destroys

these Costly Diseases and PRO-TECTS against Rotting in Soil.

NEW IMPROVED SEMESAN JR.

Use 2 Oz. Per Bu. For Seed Corn 

#### SEMESAN BEL

4 Oz. Treats 15 Bu.

For Potatoes
4 oz. Can \$1.45
1 lb. Can 6.50
5 lb. Can .75

CYANOGAS

NOT

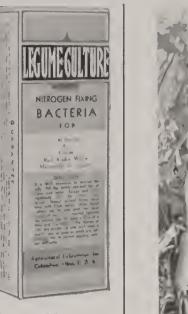
CALCIUM CYANIDE

G-Fumigant for Fumigation
A Dust for Use in Dust Gun
Special Descriptive Literature on Request
lb. Tin — \$ .45
lb. Tin — \$ 3.00
25 lb. Tin — \$10.00 100 lb. Drum - \$25.00

#### FUNK'S FIELD and ROAD DRAIN

DRAINS PONDS AND MUD HOLES
—DIVERTS WATER DIRECTLY
INTO TILE

Special Literature on Request 6 Inch-\$18.75 8 Inch—\$26.25 10 Inch-\$33.75



#### FUNK'S "G" HYBRIDS

If what you want is a bigger yield Plant Funk's "G" Hybrids in your field.

You'll never know how much a good adapted hybrid can do for you until you've planted Funk's "G" Hybrids. The subject of Funk's "G" Hybrid Corn is covered more fully in special literature (sent on request). but here are some of the "high spots."

• 15 to 30 more bu. • Better grain quality

per acre

Accurately graded

• Standability—PLUS! • Quantities Limited

FUNK'S "G" HYBRID CORN BULLETIN (Spring Planting Issue)

JUST OFF THE PRESS - Write for your copy.

#### HANDY SEED TABLE AND PLANTING GUIDE

Funk Farms Brand Seed Every Kind for the Farm	Lbs. Per Std. Bu.	Rate to Sow Lbs. per acre	Time to Sow
Alfalfa—broadcast Alfalfa—drilled Barley, Spring Blue Grass, Ky., for lawns Blue Grass, Ky., for pastures Brome Grass Broom Corn Buckwheat Clover, Alsike—in mixture Clover, Alsike—in mixture Clover, Mammoth—in mixture Clover, Mammoth—in mixture Clover, Red Clover, Red—in mixture Clover, Sweet, white or yellow Clover, Sweet, white (unhulled) Clover, White Dutch	. 60 . 48 . 14 . 14 . 14 . 48 . 52 . 60 . 60 . 60 . 60 . 60	15 to 18 12 to 16 96 to 110 100 to 125 20 to 30 20 5 to 8 50 to 60 5 to 6 2 to 4 8 to 10 6 to 10 4 to 6 6 to 10 4 to 6 12 to 15 25 to 30 6 to 8	Spring and early Fall Spring and early Fall March, April Early Spring, early Sept. Early Spring, earley Sept. Spring April, May Late Spring Winter to April Winter to April Winter to April Winter to April Winter, early April Winter, early April Winter, early April Winter to April Early Spring, Aug., Sept. Oct. to Feb. March to April
Corn, Pop.		8 to 10 3 to 5	Late Spring May, June
Kaffir-Mîlo-Feterita-Grohoma-Atlas Sorgo- Hegari (drill)		10 to 15	May, June
Kaffir-Milo-Feterita-Grohoma-Atlas Sorgo- Hegari (broadcast) Lawn Grass mixed Lespedeza Korean Millets—for hay Millets—for Seed Oats Orchard Grass Peas, Canada Field (broadcast) Peas, Canada Field, with oats Peas, Cow, (broadcast) Peas, Cow, (drilled) Rape, (drilled) Rape, (drilled) Red Top, Solid Seed Rye. Rye Grass	. 56 . 25 . 50 . 50 . 32 . 14 . 60 . 60 . 60 . 60 . 50 . 50	40 to 50 100 to 125 20 to 25 50	May, June Early Spring, early Fall Early Spring after frost Late May to early July Late May to early July March, April Early Spring—Fall Early Spring May or June May or June Early May to late July Early May to late July Early May to late July April or early Sept. Sept. to Nov. April or early Sept.
Soybeans (broadcast) Soybeans, (drilled) Sudan Grass, (broadcast) Sudan Grass, (drilled) Timothy Vetch, Winter or Hairy Wheat, Winter	. 60 . 60 . 40 . 40 . 45 . 60	90 to 120 60 to 90 20 to 30 10 to 15 8 to 10 60	May, June May, June Late May to early July Late May to early July Spring and Fall Sept. to Nov. Sept. to Nov.

#### BIG BARGAIN BOX

Funks \$1.00 Collection of GARDEN SEED \$2.00—\$2.50 VALUE If Purchased Separately 21 Full Size Packets—21 Proven Varieties

IN ADDITION-ONE PACKET ZINNIA-GIANT DAHLIA FLOWERED MIXED

Crisp Fresh Vegetables For A Family of Five or Six.

FIRST PLANTING—

(About oats seeding time)

1/2 pound Peas—Little Marvel
1 packet Radish—Early Scarlet Globe
1 packet Onion—Yellow Globe Danvers
1 packet Spinach—Bloomsdale Savoy
1 packet Turnip—Purple Top Strap Leaf
1 packet Letuce—Black Seeded Simpson
1 packet Sweet Peas—Spencars Hybrids Mixed
SECOND PLANTING—

(Between oats and corn seeding)

SECOND PLANTING—

(Between oats and corn seeding)

½ pound Peas—Dwarf Telephone

l packet Cabbage—Copenhagen Market

l packet Carrot—Chantenay

l packet Beet—Early Blood Turnip

l packet Parsnip—Hollow Crown

l packet Radish—White Icicle

l packet Nasturtium—Dwarf Fine Mixed

THIRD PLANTING—

(At corn plenting)

1/2 pound Beans—Burpees Stringless Green Pod
1/2 pound Beans—Rust Proof
1/2 pound Sweet Corn—Golden Cross

Bantam—Hybrid Wilt-Resistant

FOURTH PLANTING—

(Hot weather—About May 20)

l packet Tomato—Marglobe
l packet Cucumber—Snows Early Pickle
l packet Watermelon—Keckleys Sweet
l packet Muskmelon—Hales best

Enclosed find \$1.00. Please send me your Garden Seed Collection.

NAME ...

STREET & No.

CITY or TOWN STATE ..

